AUTHOR INDEX TO VOLUME 140

Alonso, J.A., see C. Baladrón 140 (1989) 67
Amusia, M.Ya., see A.R. Tančić 140 (1989) 503
Angelov, Ch., see T. Troev 140 (1989) 147
Armbruster, D., J. Guckenheimer and S. Kim, Chaotic dynamics in systems with square symmetry 140 (1989) 416
Averin, D.V. and A.A. Odintsov, Macroscopic quantum tunneling of the electric charge in small tunnel junctions 140 (1989) 251

Badalian, S.M. and Y.B. Levinson, Free surface effect on the interaction of a two-dimensional electron gas with acoustic phonons in a quantizing magnetic field 140 (1989) 62
Bak, P., see K. Chen 140 (1989) 299
Baladrón, C. and J.A. Alonso, Electronic structure and stability of K_xMg clusters. Comparison between the jellium-on-jellium model and an improved model 140 (1989) 67
Banerji, S., see A.K. Raychaudhuri 140 (1989) 285
Baryshevsky, V.G. and I.V. Polikarpov, Parametric X-rays in crystals subjected to the resonant action of ultrasonic waves 140 (1989) 205
Baxter, R.J., A simple solvable Z_N Hamiltonian 140 (1989) 155
Belavkin, V.P., A new wave equation for a continuous nondemolition measurement 140 (1989) 355
Belavkin, V.P. and P. Staszewski, A quantum particle undergoing continuous observation 140 (1989) 359
Benyoussef, A., T. Biaz and M. Touzani, Spin-1/2 Ising model in a staggered magnetic field 140 (1989) 258
Bhakay-Tamhane, S., see A.S. Paranjpe 140 (1989) 193
Bhattacharyya, S., see A. Sengupta 140 (1989) 261
Bhuloka Reddy, S., see G. Sree Krishna Murty 140 (1989) 489
Biaz, T., see A. Benyoussef 140 (1989) 258
Binder, P.-M. and D. d'Humières, Self-diffusion in a tagged-particle lattice gas 140 (1989) 485
Bingham, S. and M. Kot, Multidimensional trees, range searching, and a correlation dimension algorithm of reduced complexity 140 (1989) 327
Bist, H.D., see S. Sathaiah 140 (1989) 348
Bordé, Ch.J., Atomic interferometry with internal state labelling 140 (1989) 10
Borman, V.D., see A.V. Prosyanov 140 (1989) 55
Borovik, A.E., V.S. Borovikov and A.M. Frishman, Transparency with pulsed parametric excitation of one-dimensional spin systems 140 (1989) 436
Borovikov, V.S., see A.E. Borovik 140 (1989) 436
Brazovskii, S.A. and S.I. Matveenko, Amplitude solitons in spin density wave systems 140 (1989) 44
Brazovskii, S.A. and S.I. Matveenko, Quantization and soliton charge in the Peierls model 140 (1989) 47
Brenn, R., see D. Charalambidis 140 (1989) 111
Bretón, N., see A. García 140 (1989) 288
Breuer, H.P. and M. Holthaus, Quantum phases and Landau–Zener transitions in oscillating fields 140 (1989) 507
Brillet, A., see O. Cregut 140 (1989) 294
Bruev, A.S., A perturbation theory for identifying quasi-coupled states of an anharmonic oscillator 140 (1989) 464

AUTHOR INDEX TO VOLUME 140

Alonso, J.A., see C. Baladrón 140 (1989) 67
Amusia, M.Ya., see A.R. Tančić 140 (1989) 503
Angelov, Ch., see T. Troev 140 (1989) 147
Armbruster, D., J. Guckenheimer and S. Kim, Chaotic dynamics in systems with square symmetry 140 (1989) 416
Averin, D.V. and A.A. Odintsov, Macroscopic quantum tunneling of the electric charge in small tunnel junctions 140 (1989) 251

Badalian, S.M. and Y.B. Levinson, Free surface effect on the interaction of a two-dimensional electron gas with acoustic phonons in a quantizing magnetic field 140 (1989) 62
Bak, P., see K. Chen 140 (1989) 299
Baladrón, C. and J.A. Alonso, Electronic structure and stability of K_xMg clusters. Comparison between the jellium-on-jellium model and an improved model 140 (1989) 67
Banerji, S., see A.K. Raychaudhuri 140 (1989) 285
Baryshevsky, V.G. and I.V. Polikarpov, Parametric X-rays in crystals subjected to the resonant action of ultrasonic waves 140 (1989) 205
Baxter, R.J., A simple solvable Z_N Hamiltonian 140 (1989) 155
Belavkin, V.P., A new wave equation for a continuous nondemolition measurement 140 (1989) 355
Belavkin, V.P. and P. Staszewski, A quantum particle undergoing continuous observation 140 (1989) 359
Benyoussef, A., T. Biaz and M. Touzani, Spin-1/2 Ising model in a staggered magnetic field 140 (1989) 258
Bhakay-Tamhane, S., see A.S. Paranjpe 140 (1989) 193
Bhattacharyya, S., see A. Sengupta 140 (1989) 261
Bhuloka Reddy, S., see G. Sree Krishna Murty 140 (1989) 489
Biaz, T., see A. Benyoussef 140 (1989) 258
Binder, P.-M. and D. d'Humières, Self-diffusion in a tagged-particle lattice gas 140 (1989) 485
Bingham, S. and M. Kot, Multidimensional trees, range searching, and a correlation dimension algorithm of reduced complexity 140 (1989) 327
Bist, H.D., see S. Sathaiah 140 (1989) 348
Bordé, Ch.J., Atomic interferometry with internal state labelling 140 (1989) 10
Borman, V.D., see A.V. Prosyanov 140 (1989) 55
Borovik, A.E., V.S. Borovikov and A.M. Frishman, Transparency with pulsed parametric excitation of one-dimensional spin systems 140 (1989) 436
Borovikov, V.S., see A.E. Borovik 140 (1989) 436
Brazovskii, S.A. and S.I. Matveenko, Amplitude solitons in spin density wave systems 140 (1989) 44
Brazovskii, S.A. and S.I. Matveenko, Quantization and soliton charge in the Peierls model 140 (1989) 47
Brenn, R., see D. Charalambidis 140 (1989) 111
Bretón, N., see A. García 140 (1989) 288
Breuer, H.P. and M. Holthaus, Quantum phases and Landau–Zener transitions in oscillating fields 140 (1989) 507
Brillet, A., see O. Cregut 140 (1989) 294
Bruev, A.S., A perturbation theory for identifying quasi-coupled states of an anharmonic oscillator 140 (1989) 464

Bud'ko, S.L., A.G. Gapotchenko, E.S. Itskevich and A.E. Luppov, Anisotropy of the critical field for $YBa_2Cu_3O_{7-\delta}$ single crystals under pressure 140 (1989) 197
Bykov, A.B., see V.N. Denisov 140 (1989) 141

Cairó, L., M.R. Feix and J. Goedert, Invariants for models of interacting populations 140 (1989) 421
Cederbaum, L.S., see P. Schmelcher 140 (1989) 498
Chandrasekhar Rao, M.V.S., see G. Sree Krishna Murty 140 (1989) 489
Charalambidis, D. and R. Brenn, X-ray Zeeman quantum beats of the Ne^{7+} $1s2s2p\ 4P_{3/2}$ state 140 (1989) 111
Chatterjee, A., see S. Sil 140 (1989) 59
Chen, H., see F. Liu 140 (1989) 72
Chen, H., S. Chen and G.D. Doolen, Sound wave propagation in FHP lattice gas automata 140 (1989) 161
Chen, K. and P. Bak, Is the universe operating at a self-organized critical state? 140 (1989) 299
Chen, S., see H. Chen 140 (1989) 161
Chen, W., see F. Liu 140 (1989) 72
Cherepkov, N.A., see A.R. Tančić 140 (1989) 503
Chetkin, M.V., I.V. Parygina, V.B. Smirnov, S.N. Gadetsky and A.K. Zvezdin, Soliton-like behaviour of VBL clusters 140 (1989) 428
Christoskov, I.D., see P.S. Kamenov 140 (1989) 13
Conte, R., Invariant Painlevé analysis of partial differential equations 140 (1989) 383
Cregut, O., C.N. Man, D. Shoemaker, A. Brillet, A. Menhert, P. Peuser, N.P. Schmitt, P. Zeller and K. Wallmeroth, 18 W single frequency operation of an injection-locked, CW, Nd:YAG laser 140 (1989) 294

Davis, L.M., Einstein–Podolsky–Rosen paradox and Bell's inequality experiments using time and frequency 140 (1989) 275
Dellalov, V.S., see A.M. Grishin 140 (1989) 133
Demangeat, C., see A. Mokrani 140 (1989) 245
Denisov, V.N., B.N. Mavrin, V.B. Podobedov, A.B. Bykov, A.F. Goncharov, I.P. Zibrov and O.K. Mel'nikov, Raman scattering in $La_{2-x}Sr_xCuO_4$ single crystals 140 (1989) 141
De Oliveira, E.C., see W.A. Rodrigues Jr. 140 (1989) 479
d'Humières, D., see P.-M. Binder 140 (1989) 485
Dixon, J.M., see J.A. Tuszyński 140 (1989) 179
Doolen, G.D., see H. Chen 140 (1989) 161
Dorfman, I.Ya., On differential operators that generate Hamiltonian structures 140 (1989) 378
Dunlap, B.D., see H. Lee 140 (1989) 75
Dunning-Davies, J., see B.H. Lavenda 140 (1989) 90
Dwight, A.E., see H. Lee 140 (1989) 75
Dzuba, V.A., V.V. Flambaum and O.P. Sushkov, Summation of the perturbation theory high order contributions to the correlation correction for the energy levels of the caesium atom 140 (1989) 493

Ebel, F., W. Faust, C. Hahn, M. Rückert, H. Schneider, A. Singe and I. Tobehn, Ratio of inner-shell ionization by low energy electron and positron impact 140 (1989) 114
Eder, K., see M. Gruber 140 (1989) 363
Estrada-Sarlabous, J., see J.A. González 140 (1989) 189

Faust, W., see F. Ebel 140 (1989) 114
Fedele, R., C. Nappi and P.K. Shukla, Instability of a quasi-neutral plasma soliton-like perturbation in the presence of an oscillating electric field 140 (1989) 242
Feix, M.R., see L. Cairó 140 (1989) 421
Flambaum, V.V., see V.A. Dzuba 140 (1989) 493
Fournier, J.-D., G. Turchetti and S. Vaienti, Singularity spectrum of the generalized energy integrals 140 (1989) 331
Frank, W., see S.U. Vallerien 140 (1989) 525
Frankel, M.L., On the nonlinear dynamics of flame fronts in condensed combustible matter 140 (1989) 405
Frishman, A.M., see A.E. Borovik 140 (1989) 436
Fujisaka, H., see M. Inoue 140 (1989) 218
Fujita, K., see N. Yasuda 140 (1989) 455
Fumikura, T., see Y. Nishi 140 (1989) 451

Gadetsky, S.N., see M.V. Chetkin 140 (1989) 428
Gähler, R., see M. Gruber 140 (1989) 363
Gapotchenko, A.G., see S.L. Bud'ko 140 (1989) 197
García, A., N. Bretón and J. Téllez, A class of interior stationary axisymmetric type D charged rotating perfect fluid solutions 140 (1989) 288
Gasperini, M., Fifth force and the gravi-magnetic hypothesis 140 (1989) 271
Ghosh, D., see A. Sengupta 140 (1989) 261
Gladkov, S.O., Heat capacity of glasslike materials: the free volume approach 140 (1989) 108
Goedert, J., see L. Cairó 140 (1989) 421
Goncharov, A.F., see V.N. Denisov 140 (1989) 141
González, J.A. and J. Estrada-Sarlabous, Kinks in systems with degenerate critical points 140 (1989) 189
Grishin, A.M., V.S. Dellalov, V.F. Shkar, E.I. Nikolayev and A.I. Linnik, Spin-wave resonances in two-layer garnet films 140 (1989) 133
Gruber, M., K. Eder, A. Zeilinger, R. Gähler and W. Mampe, A phase-grating interferometer for very cold neutrons 140 (1989) 363
Guckenheimer, J., see D. Armbruster 140 (1989) 416
Gulov, A.V. and E.P. Ivanova, Radiative life times of $2p^5 3p$, $2p^5 3d$ states in Ne-like ions 140 (1989) 39
Gutmann, F., see G.C. Huth 140 (1989) 339

Hahn, C., see F. Ebel 140 (1989) 114
Hama, J. and K. Suito, Equation of state and metallization in compressed solid krypton 140 (1989) 117
Hatzikonstantinou, P. and P.G. Moyssides, Comments on a six-dimensional space–time scheme 140 (1989) 85
Hehl, F.W., see E.W. Mielke 140 (1989) 368
Hirsch, J.E. and F. Marsiglio, On the dependence of superconducting T_c on carrier concentration 140 (1989) 122
Holthaus, M., see H.P. Breuer 140 (1989) 507
Hu, B., J. Shi and S.-Y. Kim, Power spectra of higher period multiplings in area-preserving maps 140 (1989) 158
Hu, X., Features of some solutions of a gravitational theory with a scalar field 140 (1989) 211
Huang, W.-H., Particle creation in Kaluza–Klein cosmology 140 (1989) 280
Huth, G.C., F. Gutmann and G. Vitiello, Energy transfer via solitons in Langmuir–Blodgett Scheibe aggregates 140 (1989) 339

Inoue, M., H. Kariya and H. Fujisaka, Fluctuation spectrum analysis of Ising spin patterns near the Curie temperature 140 (1989) 218
Inoue, N., see Y. Nishi 140 (1989) 451
Itoyama, H., Symmetries of the generalized Toda system 140 (1989) 391
Itskevich, E.S., see S.L. Bud'ko 140 (1989) 197
Ivanova, E.P., see A.V. Gulov 140 (1989) 39

James, D.F.V., The spectrum of radiation from a moving source 140 (1989) 213
Janke, W. and H. Kleinert, Finite-size scaling study of the Laplacian roughening model 140 (1989) 513
Jiang, Q. and R. Tao, Renormalization group study of Anderson localization with arbitrary band filling 140 (1989) 443

Kagramanov, E.D., R.M. Mir-Kasimov and Sh.M. Nagiyev, Can we treat confinement as a pure relativistic effect? 140 (1989) 1
Kamenov, P.S. and I.D. Christoskov, Interference of classical particles on the surface of a liquid 140 (1989) 13
Kandrup, H.E., The time scale for "mixing" in a stellar dynamical system 140 (1989) 97
Kapitza, H., see S.U. Vallerien 140 (1989) 525
Kariya, H., see M. Inoue 140 (1989) 218
Karpman, V.I., Modulational instabilities due to the ponderomotive interaction between high- and low-frequency waves: two mode initial conditions, Phys. Lett. A 137 (1989) 379. Erratum 140 (1989) 525
Keefe, L., Properties of Ginzburg–Landau attractors associated with their Lyapunov vectors and spectra 140 (1989) 317
Khambatta, N.M., A proof of the additive identity of the components of the third-order nonlinear susceptibility tensor 140 (1989) 235
Khare, S.P. and S. Prakash, K-shell ionization of atoms by electron impact 140 (1989) 238
Kim, S., see D. Armbruster 140 (1989) 416
Kim, S.-Y., see B. Hu 140 (1989) 158
Kimball, C.W., see H. Lee 140 (1989) 75
Kiometzis, M. and H. Kleinert, Electrostatic stiffness properties of charged bilayers 140 (1989) 520
Kleinert, H., see W. Janke 140 (1989) 513
Kleinert, H., see M. Kiometzis 140 (1989) 520
Klyshko, D.N., Berry phase in multiphoton experiments 140 (1989) 19
Kolobov, M.I. and I.V. Sokolov, Squeezed states of light and noise-free optical images 140 (1989) 101
Kolosov, V.V., The stark states at zero energy 140 (1989) 36
Kot, M., see S. Bingham 140 (1989) 327
Kramer, B., see B. Velicky 140 (1989) 447
Kremer, F., see S.U. Vallerien 140 (1989) 525
Krylov, S.Yu., see A.V. Prosyanov 140 (1989) 55
Kuznetsov, S.P. and A.S. Pikovsky, Renormalization group for the response function and spectrum of the period-doubling system 140 (1989) 166

Lake, K. and T. Zannias, Fitting de Sitter space into a black hole 140 (1989) 291
Lavenda, B.H. and J. Dunning-Davies, Classical particles and order statistics 140 (1989) 90
Lee, H., P. Youn, A.E. Dwight, J.L. Matykiewicz, C.W. Kimball and B.D. Dunlap, Oxygen order and electronic structure at Cu(1) sites in $Y_{1-x}Pr_xBa_2(Cu_{0.99}{}^{57}Fe_{0.01})_3O_y$ and $Y(Ba_{1-x}Sr_x)_2(Cu_{0.99}{}^{57}Fe_{0.01})_3O_y$ 140 (1989) 75

Levinson, Y.B., see S.M. Badalian 140 (1989) 62
Linnik, A.I., see A.M. Grishin 140 (1989) 133
Liu, F., H. Chen and W. Chen, Phonon mechanism superconductivity in $Ba_2YCu_3O_7$ 140 (1989) 72
LoSecco, J.M., G.E.A. Matsas, A.A. Natale and J.A.F. Pacheco, Pulsar test of a violation of discrete symmetries in gravitation, Phys. Lett. A 138 (1989) 5. Erratum 140 (1989) 525
Lou, S. and G. Ni, Deforming some special solutions of the sine-Gordon equation to that of the double sine-Gordon equation 140 (1989) 33
Lovelace, R.V.E., see A. Pidwerbetsky 140 (1989) 411
Luppov, A.E., see S.L. Bud'ko 140 (1989) 197

Malova, H.V. and M.I. Sitnov, Nonlinear structures, stochasticity and intermittency in the dynamics of charged particles near a magnetic field reversal 140 (1989) 136
Mampe, W., see M. Gruber 140 (1989) 363
Man, C.N., see O. Cregut 140 (1989) 294
Mann, A., M. Revzen, H. Umezawa and Y. Yamanaka, Relation between quantum and thermal fluctuations 140 (1989) 475
Manousakis, E., see Y.L. Wang 140 (1989) 200
Marsiglio, F., see J.E. Hirsch 140 (1989) 122
Martinez, J.C., Holonomy structure of parameter manifolds 140 (1989) 461
Mašek, J., see B. Velicky 140 (1989) 447
Matsas, G.E.A., see J.M. LoSecco 140 (1989) 525
Matveenko, S.I., see S.A. Brazovskii 140 (1989) 44, 47
Matykiewicz, J.L., see H. Lee 140 (1989) 75
Mavrin, B.N., see V.N. Denisov 140 (1989) 141
McCrea, J.D., see E.W. Mielke 140 (1989) 368
Mel'nikov, O.K., see V.N. Denisov 140 (1989) 141
Menhert, A., see O. Cregut 140 (1989) 294
Mielke, E.W., F.W. Hehl and J.D. McCrea, Belinfante type invariance of the Noether identities in a Riemannian and a Weitzenböck spacetime 140 (1989) 368
Mincov, I., see T. Troev 140 (1989) 147
Mir-Kasimov, R.M., see E.D. Kagramanov 140 (1989) 1
Mokrani, A., C. Demangeat and G. Moraitis, Force field around hydrogen in solid solution of bcc transition metals 140 (1989) 245
Moraitis, G., see A. Mokrani 140 (1989) 245
Morimoto, Y., Quantized errors appearing in the calculation of fixed points in nonlinear difference equations 140 (1989) 25
Moriya, S., see Y. Nishi 140 (1989) 451
Moyssides, P.G., see P. Hatzikonstantinou 140 (1989) 85
Murayama, Y., Dynamic simulation of two-dimensional wave packets and the Bragg condition 140 (1989) 469

Nagiyev, Sh.M., see E.D. Kagramanov 140 (1989) 1
Nakano, T., Generalized dimensions of three-dimensional turbulence 140 (1989) 395
Nappi, C., see R. Fedele 140 (1989) 242
Natale, A.A., see J.M. LoSecco 140 (1989) 525
Ni, G., see S. Lou 140 (1989) 33
Nikolaev, B.I., see A.V. Prosyanov 140 (1989) 55

Nikolaev, G.N., Induced resonant absorption of electromagnetic waves by a microparticle 140 (1989) 458
Nikolayev, E.I., see A.M. Grishin 140 (1989) 133
Nikolić, M., see A.R. Tančić 140 (1989) 503
Nishi, Y., S. Moriya, N. Inoue, S. Takagi, T. Fumikura, T. Shima and S. Tokunaga, Aging induced high T_c of Ar ion-implanted $YBa_2Cu_3O_{7-y}$ 140 (1989) 451
Nonnenmacher, D.J.F., see T.F. Nonnenmacher 140 (1989) 323
Nonnenmacher, T.F. and D.J.F. Nonnenmacher, A fractal scaling law for protein gating kinetics 140 (1989) 323

Odintsov, A.A., see D.V. Averin 140 (1989) 251
Oganesyan, S.G. and N.H. Sargsyan, Selection rules in a Cherenkov laser 140 (1989) 249

Pacheco, J.A.F., see J.M. LoSecco 140 (1989) 525
Paranjpe, A.S., S. Bhakay-Tamhane and M.B. Vasan, Two-dimensional fractal growth by diffusion limited aggregation of copper 140 (1989) 193
Pardy, M., The quantum states of the superfluid ring from the Gross–Pitaevskii equation 140 (1989) 51
Parygina, I.V., see M.V. Chetkin 140 (1989) 428
Percoco, U. and V.M. Villalba, Aharonov–Bohm effect for a relativistic Dirac electron 140 (1989) 105
Peuser, P., see O. Cregut 140 (1989) 294
Pidwerbetsky, A. and R.V.E. Lovelace, Chaotic wave propagation in a random medium 140 (1989) 411
Pikovsky, A.S., see S.P. Kuznetsov 140 (1989) 166
Piterbarg, L.I. and E.I. Schulman, On the nonintegrability of the Hamiltonian system for Rossby waves and drift waves 140 (1989) 29
Podobedov, V.B., see V.N. Denisov 140 (1989) 141
Polikarpov, I.V., see V.G. Baryshevsky 140 (1989) 205
Prakash, S., see S.P. Khare 140 (1989) 238
Prentice, A.J.R., Neptune: predicted origin and composition of a regular satellite system 140 (1989) 265
Prosyanov, A.V., V.D. Borman, S.Yu. Krylov and B.I. Nikolaev, New mechanism of mass transfer in a gas–adsorbate–solid system 140 (1989) 55
Pupyshev, V.V., Some exact solutions of the three-identical-particle problem with S-wave inverse square potentials 140 (1989) 151

Radha Krishna, K., see G. Sree Krishna Murty 140 (1989) 489
Raychaudhuri, A.K. and S. Banerji, A distribution of matter of positive density but vanishing total mass 140 (1989) 285
Remova, A.A. and B.Ya. Shapiro, Anisotropic polarons in yttrium cuprates 140 (1989) 439
Requardt, M. and H.J. Wagner, Extension of the Kubo–Martin–Schwinger property to systems of classical statistical mechanics without natural Poisson bracket structure 140 (1989) 303
Revzen, M., see A. Mann 140 (1989) 475
Richter, J., Resonating valence bond states in square lattice antiferromagnets with disorder and frustration 140 (1989) 81
Rodrigues Jr., W.A. and E.C. de Oliveira, A comment on the twin paradox and the Hafele–Keating experiment 140 (1989) 479
Rückert, M., see F. Ebel 140 (1989) 114

Sargsyan, N.H., see S.G. Oganesyan 140 (1989) 249

Sarin, V.N., see S. Sathaiah 140 (1989) 348
Sastry, D.L., see G. Sree Krishna Murty 140 (1989) 489
Sathaiah, S., V.N. Sarin and H.D. Bist, Temporal oscillations in the scattered light in CsNCS single crystal near the structural phase transition temperature 140 (1989) 348
Satyanarayana, G., see G. Sree Krishna Murty 140 (1989) 489
Schmelcher, P. and L.S. Cederbaum, New approximate constant of motion for molecular ions in a magnetic field 140 (1989) 498
Schmitt, N.P., see O. Cregut 140 (1989) 294
Schneider, H., see F. Ebel 140 (1989) 114
Schram, P., see W. van de Water 140 (1989) 173
Schücker, T., Massless particles and losing clocks 140 (1989) 209
Schulman, E.I., see L.I. Piterbarg 140 (1989) 29
Sengupta, A., S. Bhattacharyya and D. Ghosh, Nuclear hyperfine effects in thulium pyrogermanate crystal 140 (1989) 261
Shapiro, B.Ya., see A.A. Remova 140 (1989) 439
Shi, J., see B. Hu 140 (1989) 158
Shima, T., see Y. Nishi 140 (1989) 451
Shimizu, T., Probability density of the fluctuation in chaotic systems 140 (1989) 229
Shimizu, T., Relaxation processes in a dissipative system interacting with an external nonlinear system 140 (1989) 343
Shkar, V.F., see A.M. Grishin 140 (1989) 133
Shoemaker, D., see O. Cregut 140 (1989) 294
Shofan, A., see T. Troev 140 (1989) 147
Shukla, P.K., see R. Fedele 140 (1989) 242
Sil, S. and A. Chatterjee, Intermediate coupling theory for the multidimensional polaron 140 (1989) 59
Singe, A., see F. Ebel 140 (1989) 114
Singh, A., see B. Sundaram 140 (1989) 400
Sitnov, M.I., see H.V. Malova 140 (1989) 136
Smirnov, V.B., see M.V. Chetkin 140 (1989) 428
Smith, G.S., A convenient linearization of high-pressure X-ray diffraction data 140 (1989) 431
Sokolov, I.V., see M.I. Kolobov 140 (1989) 101
Soler, M., Integral methods in kinetic problems 140 (1989) 373
Sonin, E.B. and A.K. Tagantsev, Electrodynamics of the Josephson medium in high-T_c superconductors 140 (1989) 127
Spector, D., Multiplicative functions, Dirichlet convolution, and quantum systems 140 (1989) 311
Sree Krishna Murty, G., M.V.S. Chandrasekhar Rao, K. Radha Krishna, S. Bhuloka Reddy, G. Satyanarayana and D.L. Sastry, A study of the $(L_{\beta 2,15}+L_{\beta 5}+L_{\beta 6})/(L_{\alpha 1}+L_{\alpha 2})$ ratio in 5d-shell elements and their compounds 140 (1989) 489
Staszewski, P., see V.P. Belavkin 140 (1989) 359
Steeb, W.-H., A note on Carleman linearization 140 (1989) 336
Suito, K., see J. Hama 140 (1989) 117
Sundaram, B. and A. Singh, Tight binding representation for rf Floquet states 140 (1989) 400
Sushkov, O.P., see V.A. Dzuba 140 (1989) 493
Svozil, K., Are chaotic systems dynamically random? 140 (1989) 5
Symko, O.G., see D.J. Zheng 140 (1989) 225

Tagantsev, A.K., see E.B. Sonin 140 (1989) 127

Takagi, S., see Y. Nishi 140 (1989) 451
Tančić, A.R., M.Ya. Amusia, N.A. Cherepkov and M. Nikolić, Momentum transfer cross section of positrons elastically scattered on helium 140 (1989) 503
Tao, R., see Q. Jiang 140 (1989) 443
Téllez, J., see A. García 140 (1989) 288
Tobehn, I., see F. Ebel 140 (1989) 114
Tokunaga, S., see Y. Nishi 140 (1989) 451
Touzani, M., see A. Benyoussef 140 (1989) 258
Troev, T., I. Mincov, A. Shofan and Ch. Angelov, Positron lifetime and Doppler broadening of annihilation gamma-line measurements in neutron irradiated chromium 140 (1989) 147
Turchetti, G., see J.-D. Fournier 140 (1989) 331
Turschner, H., see W. Weitzel 140 (1989) 185
Tuszyński, J.A. and J.M. Dixon, Non-linearity and the emergence of coherence in strongly interacting many-body systems near a critical point 140 (1989) 179

Umezawa, H., see A. Mann 140 (1989) 475

Vaienti, S., see J.-D. Fournier 140 (1989) 331
Vallerien, S.U., F. Kremer, H. Kapitza, R. Zentel and W. Frank, Field dependent soft and Golstone mode in a ferroelectric liquid crystal as studied by dielectric spectroscopy, Phys. Lett. A 138 (1989) 219. Erratum 140 (1989) 525
Van de Water, W. and P. Schram, Oscillatory scaling functions of near-neighbour distances in fractal sets 140 (1989) 173
Vasan, M.B., see A.S. Paranjpe 140 (1989) 193
Velicky, B., J. Mašek and B. Kramer, ac-conductance of an infinite ideal quantum wire in an electric field with arbitrary spatial distribution 140 (1989) 447
Villalba, V.M., see U. Percoco 140 (1989) 105
Vitiello, G., see G.C. Huth 140 (1989) 339

Wagner, H.J., see M. Requardt 140 (1989) 303
Wallmeroth, K., see O. Cregut 140 (1989) 294
Wang, Y.L., E. Manousakis and C.D. Wentworth, Two-hole and hole–magnon bound states in quantum ferromagnets 140 (1989) 200
Weitzel, W. and H. Turschner, Transversally driven ferromagnet with strong uniaxial anisotropy 140 (1989) 185
Wentworth, C.D., see Y.L. Wang 140 (1989) 200

Yamanaka, Y., see A. Mann 140 (1989) 475
Yasuda, N. and K. Fujita, Pressure effect on ordered and disordered ferroelectric phase transitions of $Pb(Sc_{1/2}Nb_{1/2})O_3$ 140 (1989) 455
Yeh, W.J., see D.J. Zheng 140 (1989) 225
Youn, P., see H. Lee 140 (1989) 75

Zaghloul, H., On the possibility of force-free magnetic fields 140 (1989) 95
Zannias, T., see K. Lake 140 (1989) 291
Zeilinger, A., see M. Gruber 140 (1989) 363
Zeller, P., see O. Cregut 140 (1989) 294

Zentel, R., see S.U. Vallerien 140 (1989) 525
Zheng, D.J., W.J. Yeh and O.G. Symko, Period doubling in a perturbed sine-Gordon system, a long Josephson junction 140 (1989) 225
Zibrov, I.P., see V.N. Denisov 140 (1989) 141
Zvezdin, A.K., see M.V. Chetkin 140 (1989) 428